



### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 2188

Examiner Reginald G Bragdon

\$ 2188 42304 n.11.

In Re:

Mario Nemirovsky et al.

Case: Serial No.: P3819

Filed:

09/826,693 04/04/2001

Subject:

Stream Processing Unit for a Multi-streaming Processor

To:

The Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RECEIVED

APR 2 0 2004

Technology Center 2100

Dear Sir:

#### Information Disclosure Statement under 37 C.F.R. §1.97

Enclosed herewith is an Information Disclosure Statement (IDS) by Applicant listing thirty one (31) references. Under §1.98(d) no reference copies are required as they have been provided in priority application s/n 09/737,375. Applicant desires that the references be entered in the above-mentioned case as relevance dictates.

As prosecution has begun, in accordance with rule 1.97 the required fee of \$180.00 is enclosed. Please charge any deficiency or credit any overpayment to Deposit Account No. 50-0534.

Respectfully submitted, Stephen Melvin et al.

by

04/16/2004 JERLINAN 00000093 09826693

01 FC:1806

180.00 GP

Donald R. Boys

Reg. No. 35,074

Central Coast Patent Agency, Inc. P.O. Box 187 Aromas, CA 95004 (831) 726-1457

PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	09/826,693			
Filing Date	04/04/2001			
First Named Inventor	Mario Nemirovsky			
Art Unit	2188			
Examiner Name	Reginald G Bragdon			
Attorney Docket Number	P3819			

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	ļ	Number-Kind Code <sup>2 (# known)</sup>			Figures Appear
		<sup>US-</sup> 6088745 A *	07-11-2000	Bertagna et al.	
		<sup>US-</sup> 6157955 A *	12-05-2000	Narad et al.	
		<sup>US-</sup> 6169745 B1 *	01-02-2001	Liu et al.	
		<sup>US-</sup> 6226680 B1 *	05-01-2001	Boucher et al.	
		<sup>US-</sup> 5918050 A *	06-29-1999	Rosenthal et al.	TRECEIVED
		<sup>US-</sup> 6223274 B1 *	04-24-2001	Catthoor et al.	A least
		US- 6023738 A *	02-08-2000	Priem et al.	APR 2 0 2004
		US- 5659797 A *	08-19-1997	Zandveld et al.	
		US- 6070202 A *	05-30-2000	Minkoff et al.	Technology Center 21
		<sup>US-</sup> 6247105 B1 *	06-12-2001	Goldstein et al.	
		<sup>US-</sup> 5978893 A *	11-02-1999	Bakshi et al.	
		<sup>US-</sup> 5784699 A *	07-21-1998	McMahon et al.	
		<sup>US-</sup> 5634015 A *	05-27-1997	Chang et al.	
		US- 6263452 B1 *	07-17-2001	Jewett et al.	
		US- 5978570 A *	11-02-1999	Hillis, W. Daniel	
		US- 6073251 A *	06-06-2000	Jewett et al.	
	<u> </u>	<sup>US-</sup> 6381242 B1 *	04-30-2002	Maher, III et al.	
		<sup>US-</sup> 5796966 A *	08-18-1998	Simcoe et al.	
	T	US- 5291481 A *	03-01-1994	Doshi et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Cite Initials* No.1		Cite Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ	
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	**	Or Relevant Figures Appear	Т	
	<u> </u>						

Examiner	Date	
Signature	Considered	
•		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<sup>\*</sup> References not provided under §1.98

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	Complete if Known				
	Application Number	09/826,693			
	Filing Date	04/04/2001			
	First Named Inventor	Mario Nemirovsky			
	Art Unit	2188			
	Examiner Name	Reginald G Bragdon			
Ī	Attorney Docket Number	P3819			

Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (d known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 5121383 A *	06-09-1992	Golestani, S. Jamaloddin	
		<sup>US-</sup> 6483804 B1 *	11-2002	Muller et al.	
		<sup>US-</sup> 6438135 B1 *	08-2002	Tzeng, Shrjie	
		<sup>US-</sup> 6219339 *	04-2001	Doshi et al.	
		<sup>US-</sup> 5809321 A *	09/1998	Hansen et al.	
		<sup>US-</sup> 5737525 *	04-1998	Picazo et al.	RECEIVE
		<sup>US-</sup> 5619497 A *	04-1997	Gallagher et al.	
		US- 5521916 A *	05-1996	Choudhury et al.	APR 2 0 2004
·		<sup>US-</sup> 5465331 A *	11-1995	Yang et al.	
		<sup>US-</sup> 2001-0024456 A1 *	09-2001	Zaun et al.	Technology Center 2
·		US-			
		US-			
		US-			
		US-			
- "		US-			
		US-			

FOREIGN PATENT DOCUMENTS								
Examiner Cite Foreign Patent D	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T		
	L				_	L		
						L		
			<del>-  </del>			╀		
						╁		
	<del>                                     </del>					+		

Examiner	Date	
Signature	Considered	
· · · · · · · · · · · · · · · · · · ·		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<sup>\*</sup> References not provided under §1.98

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known bstitute for form 1449/PTO **Application Number** 09/826,693 **INFORMATION DISCLOSURE** Filing Date 04/04/2001 STATEMENT BY APPLICANT **First Named Inventor** Mario Nemirovsky Art Unit 2188 (Use as many sheets as necessary) **Examiner Name** Reginald G Bragdon Attorney Docket Number Sheet 3 3 P3819

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		* KNUTH, DONALD E., "The Art of Computer Programming, Third Edition, Volume 1, Fundamental Algorithms", "Sec. 2.5 Dynamic Storage Allocation", 1997, pp 435-456, Addison-Wesley, US	
		* DIEFENDORFF, Keith, K7 Challenges Intel, Microprocessor Report, October 26, 1998, Vol. 12, No. 14, US	
		RECEIVE	D
		APR 9. 0 200	4
		Technology Cente	r 210
		·	
_			-

Examiner	Date	
Signature		

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



### **Certificate of Express Mailing**

"Express Mail" Mailing Label Number: EL988990562US

Date of Deposit: <u>04/13/2004</u> Ref: Case Docket No.: <u>P3819</u>

First Named Inventor: Mario Nemirovsky

Serial Number: <u>09/826,693</u> Filing Date: <u>04/04/2001</u>

Title of Case: Steam Processing Unit for a Multi-streaming Processor

I hereby certify that the attached papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

- 1. Information Disclosure Statement cover letter.
- 2. Information Disclosure Statement by Applicant.
- 3. Check for fees in the amount of 180.00.
- 4. Certificate of express mailing.
- 5. Postcard listing contents.

RECEIVED

APR 2 0 2004

Technology Center 2100

Mark A. Boys

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing papers or fee)